

What is claimed is:

1. A digital camera comprising:

a first focusing system of obtaining a focusing position by
sampling a contrast of an object image formed on a light receiving
5 surface with moving a focus lens along an optical axis;

a second focusing system of obtaining the focusing position by
measuring a distance to an object based on a triangular surveying
system; and

an aperture processing device to correct an edge component of an
10 image signal of a photographed image obtained by photographing said
object,

wherein when said second focusing system is used independently,
said aperture processing device enhances said edge component by using
a larger aperture gain than when said first focusing system is used
15 independently or when said first focusing system and said second
focusing system are used together.

2. A digital camera comprising:

a first focusing system of obtaining a focusing position by
20 sampling a contrast of an object image formed on a light receiving
surface with moving a focus lens along an optical axis;

a second focusing system of obtaining the focusing position by
measuring a distance to an object based on a triangular surveying
system; and

25 an aperture processing device to correct an edge component of an
image signal of a photographed image obtained by photographing said
object,

wherein when said second focusing system is used independently, said aperture processing device enhances said edge component by using a larger aperture limit than when said first focusing system is used independently or when said first focusing system and said second
5 focusing system are used together.

3. A digital camera comprising:

a first focusing system of obtaining a focusing position by sampling a contrast of an object image formed on a light receiving
10 surface with moving a focus lens along an optical axis;

a second focusing system of obtaining the focusing position by measuring a distance to an object based on a triangular surveying system; and

a digital filter processing device to correct a high frequency
15 component of an image signal of a photographed image obtained by photographing said object,

wherein when said second focusing system is used independently, said digital filter processing device uses a filter coefficient having a characteristic of further enhancing said high frequency component than
20 when said first focusing system is used independently or said first focusing system and said second focusing system are used together.